

AMENDMENTS TO THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as is shown below. This listing of claims replaces all prior versions and listings of claims in the application.

Claims 1-12 (Canceled).

13. (New) A product which is disassemblable into separately recoverable materials, comprising:

- a connection member which connects separately recoverable materials; and
- a detachment member, which detaches said connection member.

14. (New) The product according to claim 13, said detachment member comprising:

an explosive for breaking said connection member.

15. (New) The product according to claim 13, said connection member comprising:

a soluble alloy,

wherein said detachment member includes a melting mechanism that melts said connection member.

16. (New) The product according to claim 15, said connection member comprising:

a soldering material,

wherein said melting mechanism of said detachment member includes a heater that heats by resistance.

17. (New) The product according to claim 13, said connection member comprising:

a screw member using a shape-memory alloy, in which threads are flattened at a given temperature,

wherein said detachment member includes a heater, which raises the temperature of said screw member to the temperature at which the shape of said shape-memory alloy is deformed to the extent of flattening the screw threads.

18. (New) The product according to claim 13, further comprising:

an operation input member used to detach the detachment member,

wherein said detachment member operates based on a signal inputted by said operation input member.

19. (New) The product according to claim 14, further comprising:

an operation input member used to detach the detachment member,

wherein said detachment member operates based on a signal inputted by said operation input member.

20. (New) The product according to claim 15, further comprising:

an operation input member used to detach the detachment member,  
wherein said detachment member operates based on a signal inputted by said  
operation input member.

21. (New) The product according to claim 16, further comprising:

an operation input member used to detach the detachment member,  
wherein said detachment member operates based on a signal inputted by said  
operation input member.

22. (New) The product according to claim 17, further comprising:

an operation input member used to detach the detachment member,  
wherein said detachment member operates based on a signal inputted by said  
operation input member.

23. (New) The product according to claim 13, further comprising:

a reception member, which receives operation code information for operating  
said detachment member,  
wherein said detachment member operates based on the operation code  
information received by said reception member.

24. (New) A product, which is disassemblable to separately recoverable  
materials, comprising:

a connection member, which connects separately recoverable materials, and which is disassembled by at least one of a physical and chemical action applied from a source external to said connection member.

25. (New) The product according to claim 24, wherein said physical action involves heating.

26. (New) The product according to claim 24, wherein said chemical action involves electromagnetic radiation.

27. (New) The product according to claim 24, wherein said chemical action involves contact by chemical solution.

28. (New) The product according to claim 24, wherein said chemical action involves contact by specific gas.

29. (New) A product that includes a plurality of distinct and separable materials configured to be separated for recycling, the product comprising:

a first recoverable material;

a second recoverable material;

a fastener which fastens to at least one of said first recoverable material and said second recoverable material, and which fastens said first recoverable material to said second recoverable material; and

P27887.A01

a detachment member which detaches said fastener from said at least one of the first recoverable material and said second recoverable material.